

Converting Colors

XYZ(77.6192, 68.7193, 92.0502)

Have a look what the booklet for
XYZ(77.6192, 68.7193, 92.0502)
contains.

XYZ(77.7715, 68.9194, 92.4229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.7715, 68.9194,
92.4229)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8F1
RGB	255, 200, 241
RGB Percent	100%, 78%, 95%
CMY	0.0000, 0.2157, 0.0549
CMYK	0.00, 0.22, 0.05, 0.00
HSL	315°, 100%, 89%
HSV	315°, 22%, 100%
XYZ	77.7715, 68.9194, 92.4229
YIQ	221.1190, 19.6190, 24.4110

Conversions

Conversions Part 2

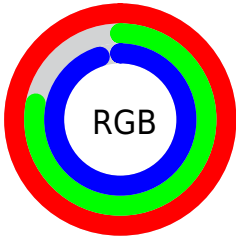
Format	Color
R_{YB}	255, 200, 241
Decimal	16763121
CIE _{Lab}	86.46, 26.00, -12.70
CIE _{LCh}	86, 28.942, 333.963
Yxy	68.9194, 0.3252, 0.2882
Android (android.graphics.Color)	4294953201 (0xFFFFC8F1)
YUV	221.1190, 9.8013, 29.7136
Hunter-Lab	83.0177, 21.9389, -7.8946

Details

The XYZ color **77.7715, 68.9194, 92.4229** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.7191, 88.6554, 76.9535**, and the grayscale version is **68.7359, 72.3155, 78.7516**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3245, 36.0663, 50.6297** is the 20% darker color. If you saturate the color by 10%, you get **71.3987, 57.6978, 85.6005**, and if you desaturate by 10%, it is **85.1667, 82.1301, 99.7584**.

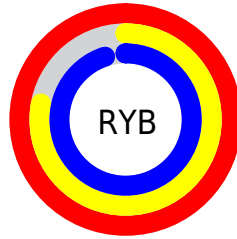
Distribution



Red (100%)

Green (78%)

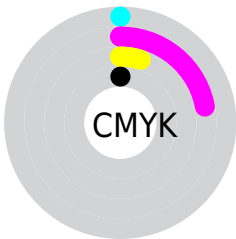
Blue (95%)



Red (100%)

Yellow (78%)

Blue (95%)

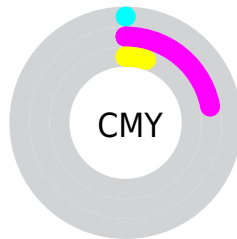


Cyan (0%)

Magenta (22%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7715, 68.9194, 92.4229 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 77.7715, 68.9194, 92.4229 by changing the saturation by 10% instead.

77.7715, 68.9194,
92.4229

77.7715, 68.9194,
92.4229

476.2422,
456.7467, 556.6535

58.1884, 50.6461,
69.4069

129.1950,
117.6664, 152.6642

42.2040, 35.9270,
50.5694

161.7662,
148.9090, 190.7266

29.4529, 24.3778,
35.4917

199.3974,
185.2433, 234.6415

19.5697, 15.6141,
23.7553

242.4541,
227.0539, 284.8275

12.1891, 9.2515,
14.9417

291.3015,
274.7252, 341.7032

6.9457, 4.9056,
8.6323

346.3051,

3.4742, 2.1920,

328.6414, 405.6871

4.4086

407.8302,
389.1871, 477.1977

■ 1.4092, 0.7156,
1.8521

■ 0.2628, 0.0000,
0.4620

■ 77.7715, 68.9194,
92.4229

■ 77.7715, 68.9194,
92.4229

■ 71.3987, 57.6978,
85.6005

■ 85.1667, 82.1301,
99.7584

■ 65.9946, 48.3592,
79.2688

■ 93.6257, 97.4126,
107.6198

■ 61.5075, 40.8004,
73.4097

95.0500, 100.0000,
108.9000

■ 57.8788, 34.9047,
68.0019

■ 55.0427, 30.5414,
63.0216

■ 52.9240, 27.5604,
58.4418

■ 51.4318, 25.7808,
54.2304

■ 50.5441, 24.9817,
50.9249

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9668, 68.9194, 109.9758



77.7715, 68.9194, 92.4229



79.2112, 68.9194, 72.5213

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7715, 68.9194, 92.4229



64.6198, 68.9194, 43.9339



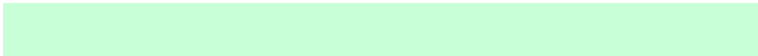
55.3948, 68.9194, 97.5889

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77.7715, 68.9194, 92.4229



71.7191, 88.6554, 76.9535

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.4802, 68.9194, 77.6194



77.7715, 68.9194, 92.4229



58.5716, 68.9194, 48.4202

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



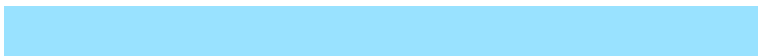
77.7715, 68.9194, 92.4229



71.3228, 68.9194, 46.5417



54.6028, 68.9194, 59.9885



60.0140, 68.9194, 113.2974

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.7715, 68.9194, 92.4229



77.9926, 68.9194, 61.0368



54.6028, 68.9194, 59.9885



54.4284, 68.9194, 91.0396

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.7730, 68.9222, 92.4243



89.7411, 90.3754, 104.0683



66.3655, 62.7904, 103.2297



19.0897, 19.1297, 22.1648



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7730, 68.9222, 92.4243



74.8239, 63.7066, 89.3370



74.0018, 67.4137, 72.5658



18.5835, 18.2167, 21.6900



26.4740, 13.0789, 26.9444



2.6218, 1.2911, 2.8559

Inverse Universe

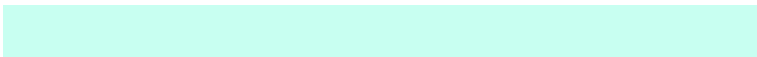
The Inverse Universe completely reimagines the original color for something new.



77.7730, 68.9222, 92.4243



74.8239, 63.7066, 89.3370



75.4957, 90.1661, 96.8409



18.5835, 18.2167, 21.6900



26.4740, 13.0789, 26.9444



2.6218, 1.2911, 2.8559

Previews

White Background



This preview shows how the XYZ color 77.7715, 68.9194, 92.4229 looks on a white background.

Color Contrast Check

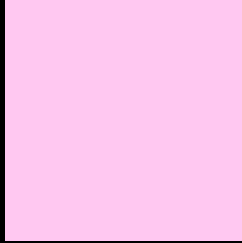
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.7715, 68.9194, 92.4229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.7715, 68.9194, 92.4229

Background



This preview shows how black text looks on a background with the XYZ color 77.7715, 68.9194, 92.4229.



This preview shows how white text looks on a background with the XYZ color 77.7715, 68.9194,

92.4229.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.7715, 68.9194, 92.4229

Protanopia

68.2914, 69.2676, 101.0374

Deuteranopia

70.5528, 69.1514, 91.2904



Tritanopia

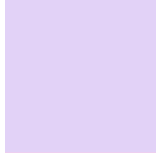
74.6560, 69.0485, 77.1030

Trichromacy



Original Color

77.7715, 68.9194, 92.4229



Protanomaly

71.1991, 68.9773, 97.5570



Deuteranomaly

72.9661, 68.9214, 91.8955



Tritanomaly

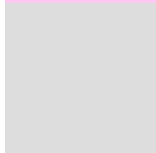
75.8675, 69.1960, 82.7563

Monochromacy



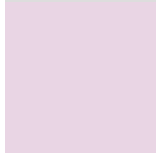
Original Color

77.7715, 68.9194, 92.4229



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

71.4021, 70.5136, 83.2460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7715, 68.9194, 92.4229 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 200, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 200, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 241) }
```

Border

The CSS property to change the border of an element to XYZ 77.7715, 68.9194, 92.4229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 200, 241) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 200, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 200, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7715, 68.9194, 92.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
200, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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